

CLAIMS

1. An objective lens drive, comprising:

an objective lens (1) for condensing a light beam on an
5 optical disk,

a driving coil (3) for driving the objective lens (1) in
an optical axis direction, a direction perpendicular to the
optical axis, and a tilting direction along a radius of the
optical disk,

10 a movable part (5) including the driving coil (3) and a
lens holder (2) for holding the objective lens (1),

six substantially straight elastic support members (6a
to 6f) each having one end being fixed to the movable part
(5), for elastically supporting the movable part (5),

15 a fixing member (7) having six fixing portions (7a to 7f)
each for fixing the other end of each of the elastic support
members (6a to 6f) thereto, and

a magnet (8) for generating driving force for the driving
coil (3), wherein

20 the fixing member (7) has lower stiffness in sections
thereof respectively formed with two (7b and 7e) of the six
fixing portions (7a to 7f) than sections thereof respectively
formed with the other four fixing portions (7a, 7c, 7d, 7f).

25 2. The objective lens drive according to claim 1, wherein
the fixing portions (7a to 7f) are formed in a low-stiffness
member (7g) bonded with a reinforcing member (7h), the
reinforcing member (7h) having a shape excluding the sections
of the two fixing portions (7b, 7e) out of the six fixing portions
30 (7a to 7f).